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49/70  
(1432)

**UNITED STATES DEPARTMENT OF COMMERCE  
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JULY 28, 2000

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DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP  
DAVID G. CONLIN  
130 WATER STREET  
BOSTON, MA 02109

\*101374153A\*

AUG 1 9 2000

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/17/2000

REEL/FRAME: 010824/0232  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WENGEL, JESPER

DOC DATE: 03/09/2000

ASSIGNEE:  
EXIQON A/S  
BYGSTUBBEN 9  
DK-2950 VEDBAEK, DENMARKSERIAL NUMBER: 09528110  
PATENT NUMBER:FILING DATE: 03/17/2000  
ISSUE DATE:SONYA JOHNSON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Docket No.: 49170

3-17-00

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
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06-06-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings



To the Honorable Commissioner of Patents &amp;

101374153

... original documents or copy the

1. Name of conveying party(ies):

Jesper WENGEL

2. Name and address of receiving party(ies):

Name: Exiqon A/SAddress: Bygstubben 9, DK-2950 Vedbaek, Denmark

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: March 9, 2000

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_

Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No. \_\_\_\_\_ Filing date \_\_\_\_\_

B. Patent No.(s)

09528110

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David G. ConlinRegistration No. 27,026Address: Dike, Bronstein, Roberts & Cushman, LLP130 Water StreetCity: Boston State/Prov.: MACountry: USA ZIP: 02109

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1105

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Christine C. O'Day (Reg. No. 38,256)

Name of Person Signing

Christine C. O'Day

18 March 2000

Docket No. 1432/49170

## A S S I G N M E N T

I, Jesper WENGEL for good and valuable consideration from Exigon A/S a Denmark Corporation, having its principal place of business at Bygstubben 9, DK-2950 Vedbaek, Denmark, hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States Serial No. \_\_\_\_\_ \* signed by me on even date herewith for Improvements in XYLO-LNA ANALOGUES including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I/we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts & Cushman LLP of 130 Water Street, Boston, Massachusetts 02109-4280, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

Date: March 9, 2000

Signature of Inventor

  
Jesper WENGEL

\*\*\*\*\*

Date: March 9, 2000

Witness

Name

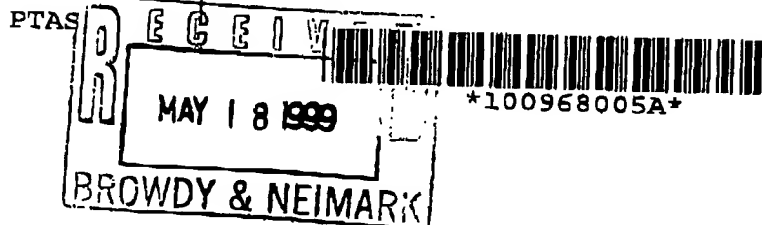
T. BJORNHOLM



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 12, 1999

BROWDY AND NEIMARK, P.L.L.C.  
IVER P COOPER  
419 SEVENTH STREET, N.W.  
SUITE 300  
WASHINGTON, DC 20004



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RECORDATION DATE: 02/16/1999

REEL/FRAME: 9763/0784  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WENGEL, JESPER

DOC DATE: 07/12/1998

ASSIGNOR:  
NIELSEN, POUL

DOC DATE: 11/12/1998

ASSIGNEE:  
EXIQON A/S  
BYGSTUBBEN 9  
2950 VEDBAEK, DENMARK

SERIAL NUMBER: 09152059  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02-22-1999

PATENTS ONLY

TO THE HONORABLE  
Please record this

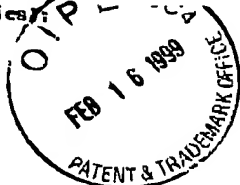
100968005

TRADEMARKS

or copy thereof

PATENTS ONLY

## 1. Name of conveying party(ies):

Jesper WENGEL (1)  
Poul NIELSEN (2)

## 2. Name and Address of receiving party(ies):

Name: EXIGON A/S

Address: Byggestubben 9, 2950 Vedbaek  
DENMARK

Additional name(s) of conveying party(ies) attached? [ ] Yes [XX] No

Additional name(s) &amp; address(es) attached? [ ] Yes [XX] No

## 3. Nature of conveyance:

☒ Assignment

[ ] Change of Name

[ ] Other

[ ] Security Agreement

[ ] Merger

Execution Date: (1) July 12, 1998, (2) November 12, 1998

## 4. Application number(s) or patent number(s). If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Date

## A. Patent Application No.(s)

09/152,059

## B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

BROMY AND WEIMARK, P.L.L.C.  
419 Seventh Street, N.W.  
Suite 300  
Washington D.C. 200046. Number of applications and patents involved:  
( 1 )

## 7. Amount of fee enclosed or authorized to be charged: \$40.00

## 8. Check no. 21188 in the amount of \$40.00 is attached.

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7/1999 JSHABAZZ 00000353 09152059

40.00 US

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Iver P. Cooper (Reg. No. 28,005)

Name of Person Signing

Signature

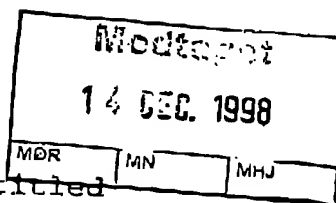
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Date

IPC:lt

Total number of pages comprising cover sheet [01]

## ASSIGNMENT



WHEREAS I own all or part of an invention entitled

## OLIGONUCLEOTIDE ANALOGUES

for which application for Letters Patent have been (check one)

( ) executed on even date herewith,

( XX ) filed on September 11, 1998

as Serial No. 09/152,059

AND WHEREAS EXIQON A/S of Bygstubben 9, 2950 Vedbaek,  
Denmark

(hereinafter ASSIGNEE) is interested in acquiring the entire  
interest in said invention:

## NOW THEREFORE

1. For good and valuable consideration, the full receipt and sufficiency of which is hereby acknowledged, I hereby assign to ASSIGNEE all of my right, title and interest in the aforestated invention, in any draft applications based thereon, and in any application for Letters Patent which assignee at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent or any other form of protection which may be granted on said invention, including any extensions, divisions, reissues, continuations or continuations-in-part, and in any rights of priority which I am entitled to assert.

2. I agree to execute, whenever requested by ASSIGNEE, all patent applications, assignments, lawful declarations, and other papers which ASSIGNEE may deem necessary or desirable for securing or maintaining said Letters Patent or other forms of protection; to provide ASSIGNEE with all pertinent facts and documents relating to said application as may be known and

**Assignment of Invention**

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**Title: Oligonucleotide Analogues**

accessible to me; and to testify as to the same in any legal proceeding related thereto; all without further compensation to me except for compensation of all reasonably incurred out-of-pocket expenses, and in an expeditious and conscientious manner.

3. I hereby authorize and request the patent office officials throughout the world to issue any and all Letters Patent(s) resulting from the aforesaid applications to ASSIGNEE, as ASSIGNEE of the entire interest assigned.

4. I hereby covenant and warrant that I have full right to convey the entire interest herein assigned, that I have not executed, and will not execute, any agreement in conflict therewith, and that I have and will comply with the duty of disclosure with respect to said application.

5. I hereby grant Iver P. Cooper, Reg. No. 28,005 a delegable power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

6. I hereby covenant and warrant that I possess some right, title and interest in said invention or in one or more of said draft applications, applications, patents or other forms of protection, that I have fully disclosed to ASSIGNEE all encumbrances, clouds or limitations upon my right, title and interest, in the United States and any foreign country, and that I have likewise disclosed to ASSIGNEE the identity of all other persons, natural or juristic, who possess or have claimed to

**Assignment of Invention**

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**Title: Oligonucleotide Analogues**

possess some right, title or interest in the foregoing; copies of said disclosures are appended to this Assignment and incorporated by reference therein.

7. The terms and covenants of this assignment shall inure to the benefit of said ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon my heirs, legal representatives and assigns.

8. I recognize that this assignment of my rights in this application makes the ASSIGNEE the real party in interest with respect thereto and that the ASSIGNEE's interests will then be represented by the attorney(s) and/or agent(s) appointed by them to the exclusion of any of my personal interests which may conflict therewith. In the event of any dispute which I may have with ASSIGNEE over the subject matter of this assignment, I acknowledge that I will have to retain independent legal counsel with respect thereto at my own expense.



## Assignment of Invention

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Title: Oligonucleotide Analogues

Signature J. Wengel  
Date 07-12-1998 (December) Inventor Jesper WENGEL  
Residence Odense S, Denmark Citizenship DK  
Post Office Address Rugmarken 48, 5260 Odense S, Denmark

Signature Poul Nielsen  
Date 11-12-1998 Inventor Poul NIELSEN  
Residence Odense SØ, Denmark Citizenship DK  
Post Office Address Sneglehatten 9, 5220 Odense SØ, Denmark

Signature \_\_\_\_\_  
Date \_\_\_\_\_ Inventor \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Signature \_\_\_\_\_  
Date \_\_\_\_\_ Inventor \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

## NOTARIZATION

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss:

Subscribed and sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 199\_\_.

Notary Public

My Commission Expires : \_\_\_\_\_